

KIBIREV, S., arkhitektor

Suggestions for improving standard designs for apartment houses.

Zhil. stroi. no.10:3-7 '62.

(MIRA 16:1)

(Apartment houses)

ARKHANGEL'SKIY, P.Ye., inzhener; ARKHIPOV, P.P., inzhener; VAS'KOV, M.P.,  
 agronom; ZHMUDSKIY, D.A., arkhitekt; IVANOV, A.P., arkhitekt; KIBI-  
 REV, S.P., arkhitekt; KRYLOV, N.V., inzhener-arkhitekt; KULAKOV,  
 D.V., arkhitekt; MARTYNOV, P.F., inzhener; NIKIFOROV, V.S., inzhener;  
 NOSKOV, B.G., arkhitekt; PETUKHOV, B.V., kandidat tekhnicheskikh nauk;  
 RUDANOV, M.L., kandidat tekhnicheskikh nauk; RYAZANOV, V.S., kandidat  
 arkhitektury; SOKHRANICHEV, N.S., inzhener-arkhitekt; TARASOV, D.I.,  
 arkhitekt; SHMILT, N.E., kandidat arkhitektury; KHOMUTOV, Ye.Ye.,  
 arkhitekt; VOL'FOVSKAYA, V.N., redaktor; FEDOTOVA, A. F., tekhniche-  
 skiy redaktor.

[Handbook on the construction of farm buildings] Spravochnik po sel'sko-  
 khoziaistvennomu stroitel'stvu. Avtorskii kollektiv: P.E.Arkhangel'skii  
 i dr., avtor-sost. N.V.Krylov. Moskva, Gos.izd-vo sel'khoz.lit-ry. Vol.3  
 1955. 843 p. (Farm buildings) (MIRA 9:6)

ALABYAN, K.S. [deceased]; BLOKHIN, P.N.; BOTVINKO, M.Ye.; DEVIATKOV, G.V.; DMITRIYEV, A.D.; VVERSHOV, P.N.; ZAYTSEV, A.G.; KIBIREV, S.P.; KOSTYUKOVSKIY, M.G.; KUZNETSOV, B.T.; L'VOV, G.N.; MOGIL'NIYY, A.I.; ORLOV, G.M.; OVSYAN-  
NIKOV, K.L.; PROMYSLOV, V.F.; SMIRNOV, N.N.; SKACHKOV, I.A.; SOLOF-  
NENKO, N.A.; SUSNIKOV, A.A.; CHAGIN, D.A.; KUCHERENKO, V.A., obshchiy  
red.; GRISHMANOV, I.A., obshchiy red.; SVETLICHNIYY, V.I., obshchiy  
red.; RUBANENKO, B.R., obshchiy red.; BARSKOV, I.M., red.; UDOD,  
V.Ya., red.izd-va; YUDINA, L.A., red.izd-va; GOLOVKINA, A.A., tekhn.  
red.

[Building practices in foreign countries; Northern Europe and German  
Federal Republic] Opyt stroitel'stva za rubezhom; v stranakh Se-  
vernoi Evropy i FRG. Po materialam otchetov delegatsii sovetskikh  
spetsialistov-stroitelei. Moskva, Gos.izd-vo lit-ry po stroit.,  
arkhit. i stroit.materialam, 1959. 598 p. (MIRA 12:12)

1. Predsedatel' Gosstroya SSSR (for Kucherenko). 2. Zamestitel'  
predsedatelya Gosstroya SSSR (for Svetlichnyy).  
(Europe, Western--Building)

BABICHEV, F.S.; BOGOLYUBSKIY, V.A.; KIBIREV, V.K.; MIKHAYLENKO, F.A.

Condensation of thiolactams with halogenated ketones.  
Zhur.ob.khim. 32 no.9:2793-2797 S '62. (MIRA 15:9)

1. Kiyevskiy gosudarstvennyy universitet.  
(Lactams) (Ketones)

KHIBIKH, V.K.; BASICHEN, F.S.

Heterocyclic analogs of aniline. Part 3: pyrazole[3,4-b] thiazoles.  
Ukr.khim.zhur. 39 no.5:428-435 '64. (MIRA 1842)

2. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko.

BABICHEV, F.S.; KIBIREV, V.K.

Heterocyclic analogs of azulene. Part 1: Isoindolo[1,2-b]benzothiazole.  
Zhur.ob.khim. 33 no.6:2000-2006 Je '63. (MIRA 16:7)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko.  
(Isoindole) (Benzothiazole)

AKIMOV, V.T., inzh.; KIBIREV, V.N., inzh.; SHUKAYLO, V.F., kand. tekhn. nauk

Determining the optimal norms for the life of mine haulage equipment.  
Izv.vys.ucheb.zav.;gor.zhur. 7 no.6:74-82 '64.

(MIRA 17:12)

1. Khar'kovskiy institut gornoy mekhaniki, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy mashin i rudnichnogo transporta.

AKIMOV, V.T., inzh.; KIBIREV, V.N., inzh.; SHUKAYLO, V.F., kand. tekhn. nauk

Statistical analysis of the reliability and reconditioning of  
mine haulage equipment. Izv. vys. ucheb. zav.; gor. zhur. 7  
no.5:88-97 '64. (MIRA 17:12)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki  
i vychislitel'noy tekhniki. Rekomendovana kafedroy gornykh  
mashin i rudnichnogo transporta.



1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

CROSS REFERENCE

CROSS REFERENCE

C

8

The spectroscopic determination of sulfur by means of the spectroscope. G. I. Kildov, N. F. Ovchinnikov, and N. S. Sventitskii (Gorky State Univ.). *Zavodskiy a Lab.* 13, 186-9 (1947).—The sample, consisting of about 1 g. of powd. anthracite coal spiked with 1-8% Mo, was spread on a Cu plate, which served as the lower electrode and could be swung so as to bring various portions of the powder under the upper electrode. Samples in soln. were run according to C.A. 39, 833<sup>1</sup>. With an activated a.-c. arc for excitation, the intensities of various S, Cu, and Mo lines in the interval 6392-6700 Å. were compared. Intensity tables and appropriate spiking concns. are given for 0.001-7.0% S.

Cyrus Feldman

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The spectroscopic determination of sulfur by means of the spectroscope. G. I. Kildov, N. F. Ovchinnikov, and N. S. Sventitskii (Gorky State Univ.). *Zavodskiy a Lab.* 13, 186-9 (1947).—The sample, consisting of about 1 g. of powd. anthracite coal spiked with 1-8% Mo, was spread on a Cu plate, which served as the lower electrode and could be swung so as to bring various portions of the powder under the upper electrode. Samples in soln. were run according to C.A. 39, 833<sup>1</sup>. With an activated a.-c. arc for excitation, the intensities of various S, Cu, and Mo lines in the interval 6392-6700 Å. were compared. Intensity tables and appropriate spiking concns. are given for 0.001-7.0% S.

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PROCESSES AND PROPERTIES INDEX

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

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The spectroscopic determination of sulfur by means of the spectroscope. G. I. Kildov, N. F. Ovchinnikov, and N. S. Sventitskii (Gorky State Univ.). *Zavodskiy a Lab.* 13, 186-9 (1947).—The sample, consisting of about 1 g. of powd. anthracite coal spiked with 1-8% Mo, was spread on a Cu plate, which served as the lower electrode and could be swung so as to bring various portions of the powder under the upper electrode. Samples in soln. were run according to C.A. 39, 833<sup>1</sup>. With an activated a.-c. arc for excitation, the intensities of various S, Cu, and Mo lines in the interval 6392-6700 Å. were compared. Intensity tables and appropriate spiking concns. are given for 0.001-7.0% S.

Cyrus Feldman

CROSS REFERENCE

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

CROSS REFERENCE

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The spectroscopic determination of sulfur by means of the spectroscope. G. I. Kildov, N. F. Ovchinnikov, and N. S. Sventitskii (Gorky State Univ.). *Zavodskiy a Lab.* 13, 186-9 (1947).—The sample, consisting of about 1 g. of powd. anthracite coal spiked with 1-8% Mo, was spread on a Cu plate, which served as the lower electrode and could be swung so as to bring various portions of the powder under the upper electrode. Samples in soln. were run according to C.A. 39, 833<sup>1</sup>. With an activated a.-c. arc for excitation, the intensities of various S, Cu, and Mo lines in the interval 6392-6700 Å. were compared. Intensity tables and appropriate spiking concns. are given for 0.001-7.0% S.

Cyrus Feldman

CROSS REFERENCE

GA

7

**Determination of chlorine and bromine with the steel scope.** G. I. Kishin, N. V. Knyazeva, and M. G. Tarakanova. *Zavodskaya Lab.* 13, 1403-5(1947).--Drip the sample soln. into an a.c. arc through an opening in a Cu tip used as the lower electrode. The best lines for observations are those near the H lines in the blue region (4861.3 Å.); the H line is broad under the conditions used and interferes seriously, as do the lines of N. Nevertheless, the following lines are of value and detns. of fair sensitivity can be attained (about 0.001%). The useful lines in mu with % concn. necessary for appearance in parentheses are: Br: 4785.5 (0.001), 4678.7 and 4816.7 (0.0); 4719.8, 4742.7, and 5182.4 (0.05), 5422.8, 5312.0, and 5304.1 (0.1), 4642.9 (0.5), and 4728.2 and 4735.5 (1.0); for 2% and over use 4728.2 and 4735.5. Cl: 4819.4 (0.01), 5078.1, 4917.7, and 4904.7 (0.02), 4781.3 and 4740.4 (0.06), 4678.7 (0.1), 4721.3 (1.0); for over 2% use the latter. The electrode gap should be small (0.3-0.5 mm.). Presence of Fe, Cr, NH<sub>4</sub>, and K did not affect the intensity of the lines (within the limits of the instrument used). G. M. Kosolapoff

ASH NCA DETAIL FOR LITERATURE CLASSIFICATION

CA

7

Spectrochemical determination of halogens and sulfur.  
G. I. Kibinov (A. M. Gorkii State Univ., Kharkov).  
Zhur. Akad. Nauk. 5, 51-7 (1950).—Distinct lines for I,  
Br, Cl, and S were obtained by proper adjustments of the  
a.-c. elec. circuit of a spark discharge. The desired re-  
sults were obtained by changing certain conditions in the  
primary and secondary circuits. Two sets of conditions  
were detd. most favorable for obtaining distinct lines.  
In one of these, the capacitance in the discharge circuit is  
20  $\mu$ F, the capacitance in the secondary is 3000 cm., the  
gap is 1 mm., and the self-inductance in the discharge  
circuit is for I 112, for Br 37, for Cl 18, and for S 18  $\mu$ H.  
In the 2nd set of favorable conditions, the respective values  
are 60  $\mu$ F, 15,000 cm., 0.75 mm., and the self-inductance  
in the discharge circuit is for I 37, for Br 37, for Cl 18, and  
for S 18  $\mu$ H. The most sensitive lines for these elements  
were S 2863.5, 3497.3, 3838.3; I 3055.3, 3940.1, 2582.8,  
3078.8; Br 2389.7, 2926.3; and Cl 3130.2, 3191.4, 3843.2,  
3851.5, 3868.8, and 3820.3 A. Of these S lines 2863.5  
and 3497.3, and Cl line 3820.3 A are doubtful since these  
lines were obtained also with distd. H<sub>2</sub>O. For the present  
the accuracy of this method is insufficient for quant. work.  
M. Hosh

CA

7

The low voltage spark, universal source of light for emission spectral analysis. G. I. Kilibov. *Izv. Akad. Nauk S.S.S.R., Ser. Fiz.* 14, 6219 (1950). A change in parameters of the discharge circuit of the a.c. arc generator permits a good excitation of the ultraviolet spectrum of Cl, Br, I, S, and Se (Kilibov, *U.S.S.R.* 44, 11/50). These are excited in conditions in which high ionization lines of metal (such as Cu II 2182.34 Å) are also excited, therefore the set may be advantageously applied to metal analysis. Working conditions of the generator, working curves, and line pairs are given for the determination of Sn, Zn, and Pb in bronze, for Mn, Mg, Co, Fe, Si in Al alloys and for Cr, Mn, Ni, Mo in steel.

S. Pakvitt

1951

KIBISOV, G.I., kandidat khimicheskikh nauk; STERIN, Kh.Ye., kandidat fizikomatematicheskikh nauk; VREDEN-KOBEITSKAYA, T.O., mladshiy nauchnyy sotrudnik; MANDEL'SHTAM, S.L., doktor fiziko-matematicheskikh nauk, redaktor; GUROV, K.P., redaktor; SOKOLOVA, T.F., tekhnicheskii redaktor.

[Spectrum analysis; annotated list of Soviet works on spectrum analysis, 1931-1950] Spektral'nyi analiz; annotirovannyi ukazatel' sovetskikh rabot po spektral'nomu analizu, 1931.-1950. Moskva, 1955. 181 p. (MLRA 8:12)

1. Akademiya nauk SSSR. Komissiya po spektroskopii.  
(Bibliography--Spectrum analysis)

KIBISOV, G.I.

PHASE I BOOK EXPLOITATION SOV/1297  
Vsesoyuznaya nauchno-tekhnicheskaya konferentsiya po primeneniyu radioaktivnykh i stabil'nykh izotopov i izlucheniya v narodnoye khozyaystvo i nauku, Moscow, 1957

Polebnyye izotopy. Nauchnyye issledovaniya. Radiometriya i dosimetriya. Trudy konferentsii (Isotope Production. High-energy Gamma-Radiation Facilities. Radiometry and Dosimetry). Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science. Moscow, Izd-vo AN SSSR, 1958. 293 p. 5,000 copies printed.

Sponsoring Agency: Akademiyu nauk SSSR; Glavnoye upravleniye po ispol'zovaniyu atomnoy energii SSSR.

Editorial Board: Prolov, Yu.S. (Resp. Ed.), Zhavoronkov, M.M. (Deputy Resp. Ed.), Aglintsev, A.A., Alkseyev, B.A., Bochkarev, V.V., Lashchinskiy, B.I., Melnikov, T.P., Sinitsyn, V.I., and Popova, O.L. (Secretary); Tech. Ed.: Novichkov, M.D.

PURPOSE: This collection is published for scientists, technologists, persons engaged in medicine or medical research, and others concerned with the production and/or use of radioactive and stable isotopes and radiation.

CONTENTS: Thirty-eight reports are included in this collection under three main subject divisions: 1) production of isotopes; 2) high-energy gamma-radiation facilities; and 3) radiometry and dosimetry.

# TABLE OF CONTENTS:

## PART I. PRODUCTION OF ISOTOPES

Prolov, Yu.S., V.V. Bochkarev, and Ye.Ye. Kulish. Development of Isotope Production in the Soviet Union. This report is a general survey of production methods, apparatus, raw materials, applications, investigations, and future prospects for radio isotopes in the Soviet Union.  
Card 2/12

Kulish, Ye.Ye. Several Problems on Obtaining Radioactive Isotopes with a Nuclear Reactor	18
Dmitriyev, P.P., I.I. Zhivotovskiy, M.M. Krashov, I.P. Salinov, and Ye.M. Emeryov. Separating Several Radioactive Isotopes in a Cyclotron With Deuteron Energies of ~10 Mev	26
Maksimov, M.Z. Determining the Yield of Reaction Products	31
Karabash, A.O., and Sh.I. Peyrulyayev. Chemospectral Methods of Analyzing High-Frequency Materials Used in Reactor Building and the Production of Radio Isotopes	36
L'vov, B.V., and G.I. Kibisov. The Spectral Quantitative Determination of Actinides in Radioactive Preparations	50

Card 3/12

KIBISOV, G.I.; REZVOVA, M.I.; VINNICHENKO, E.N.

Spectral quantitative determination of traces of elements in  
zinc sulfide of  $10^{-5}$ - $10^{-6}$  purity. Fiz.sbor. no.4:417-421  
'58. (MIRA 12:5)

1. Gosudarstvennyy ordena Trudovogo Krasnogo Znameni institut  
prikladnoy khimii.  
(Zinc sulfide) (Trace elements--Spectra)

5(2)

AUTHOR:

Kibisov, G. I.

SOV/75-13-6-5/21

TITLE:

Spectroscopic Quantitative Determination of Hafnium in Zirconium Dioxide (Spektral'noye kolichestvennoye opredeleniye gafniya v dvoukisi tsirkoniya)

PERIODICAL:

Zhurnal analiticheskoy khimii, 1958, Vol 13, Nr 6, pp 653-656 (USSR)

ABSTRACT:

During the last 10 years some papers have been published which are dealing with the spectroscopic determination of hafnium in zirconium (Refs 2-7). Only in one of them the thousandth part of 1 per cent hafnium is determined, in all the other papers the limit lies at the hundredth part or even the tenth part of 1 per cent. In the present paper a method is devised for the determination of hafnium oxide (in amounts of from 0.005% up to 3%) in zirconium oxide. Two separate procedures are applied which differ from the methods previously published. In the determination of low concentrations of hafnium oxide according to a method described in publications (Ref 2) in amounts of the thousandth part of 1 per cent hafnium no lines could be obtained because the background was too intense. For part elimination of the background

Card 1/4



Spectroscopic Quantitative Determination of  
Hafnium in Zirconium Dioxide

SOV/75-13-6-5/21

an interrupted exposure and a special method for the introduction of the substance into the discharge region were used. The sample of the annealed and pulverized zirconium oxide is mixed with glycerin. In the lower carbon electrode a conical depression is established, the upper electrode ends in a blunt cone. Onto the lower electrode, which is heated by an alternating-current arc discharge, a drop of the glycerin suspension is placed. The glycerin rapidly evaporates and the sample sticks well to the surface of the electrode in the form of a thin powder layer. The arc is then allowed to act for a while and afterwards another drop of the suspension is added. This procedure is repeated twice. A 3-lens illumination of the slit was used. It is necessary to operate at a certain rhythm. If the suspension is placed onto an excessively hot electrode or onto a cooled electrode, some substance will be lost. In this way 0.005% hafnium could still be determined. As analytical pair of lines the lines Hf I at 2940.77 Å and Zr at 2942.3 Å were used. The determination of unknown quantities of hafnium was performed by a standard straight line. The spectra were taken by means of a large

Card 2/4

Spectroscopic Quantitative Determination of  
Hafnium in Zirconium Dioxide

SOV/75-13-6-5/21

prismatic spectrograph of the KS-55 type. In the determination of medium quantities of hafnium (some tenths up to some %) one drop of the suspension of the sample in glycerin is placed onto the cold carbon electrode. The electrodes are then heated on an electric heating plate until glycerin is completely evaporated. The determination of Hf is performed by the analytical lines Hf 2641.4 Å and Zr 2619.2 Å by means of a standard straight line. The spectra are taken by means of medium spectrographs of the Q-24 and ISP-22 type. The glycerin suspension must be used on the day of its production, because otherwise the relative intensity of the lines in the spectrum varies. The accuracy of these two determinations is sufficient for checking the separation of hafnium from zirconium. The determination is described in detail, and the influence exerted by some factors on the accuracy of the determination was mentioned furthermore. There are 1 figure, 1 table, and 8 references, 3 of which are Soviet.

ASSOCIATION:  
Card 3/4

Gosudarstvennyy institut prikladnoy khimii, Leningrad  
(Leningrad State Institute of Applied Chemistry)

AUTHOR: Kibisov, G.I.

SOV/170-13-3-9/20

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000722510012-1"

TITLE: Quantitative Spectral Analysis of Substances by the Insufflation Method (Spektral'nyy kolichestvennyy analiz veshchestv metodom vduvaniya)

PERIODICAL: Inzhenerno-fizicheskii zhurnal, 1959, Nr 3, pp 68-72 (USSR)

ABSTRACT: In addition to other methods of obtaining spectra employed in the spectral analysis, a new method of insufflating the powder of a substance investigated into the discharge plasma came recently into use. In 1955, A.K. Rusanov combined for the first time the method of strewing the powders into the discharge gap with the insufflation of air jet [Ref. 6, 7]. The present work is a modification and further development of Rusanov's method. Its essence consists in the insufflation of a thin powder pencil directed from below upwards into the arc gap formed by the horizontal electrodes combined with an additional upward jet of air being under pressure of 6 to 12 mm Hg. The author describes the apparatus used in detail and gives indications as to the methods of obtaining spectra of substances in an alternating current arc. The high reproducibility of relative line intensities is due to the continuous renewal of the gaseous atmosphere of the arc gap.

Card 1/2

24(7)

SOV/170-59-6-7/20

AUTHORS: Kibisov, G.I., Rezvova, M.I.

TITLE: Quantitative Spectral Analysis by the Insufflation Method

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1959, Nr 6, pp 47-53 (USSR)

ABSTRACT: Modern technology calls for the highest accuracy in determination of very low concentrations of some impurities which in some cases should be as low as  $10^{-7}$  to  $10^{-9}\%$ . The radioactivation method, which is the only one capable of attaining this accuracy, necessitates complicated equipment. Therefore the authors advocate the application of spectral analysis by the insufflation method which was already described by the authors in Issue Nr 3, 1959, of this periodical. This method makes it possible to utilize big spectrographs for the analysis, which increases the spectral response and accuracy of determination. Another advantage of the insufflation method is that the problem of the purity of spectral carbons does not arise, because carbon impurities are not a hindrance for this method. The method recommended was employed for determination of traces of impurities in ZnS, MgO and SiO<sub>2</sub>. It turned out that the lower limit of concentration of Fe, Cu, Ni and Co impurities in ZnS, which had been determined, was of the order

Card 1/2

Quantitative Spectral Analysis by the Insufflation Method SOV/170-59-6-7/20

of  $10^{-5}\%$ ; at these minimum concentrations, the difference between the darkening of the spectral lines and that of background,  $\Delta S$  is 0.03 to 0.05 of S-units. The limiting detectable concentrations of the B and Be-impurities in MgO were of the order of  $10^{-4}\%$ , and  $\Delta S$  was also 0.03 to 0.05 of S-units. For  $\text{SiO}_2$ , the minimum concentrations of Fe, Cu, Ni, Mg, Ca and Pb impurities actually detected were of the order of  $10^{-4}\%$  but the authors hold that there is still a reserve in sensitivity and the lower limit can be taken as  $10^{-5}\%$ , since the darkening difference between the lines and background was as high as 0.5 for Mg, 0.6 for Ca and even 0.75 to 0.8 for Cu, measured in S-units.

There are: 1 graph, 1 table and 3 Soviet references.

ASSOCIATION: Institut prikladnoy khimii (Institute of Applied Chemistry), Leningrad.

Card 2/2

KIBISOV, Grigoriy Il'ich; ANTROPOV, Nikolay Pavlovich; KUBASOVA, Natal'ya Borisovna; REZVOVA, Mariya Ivanovna; SHALLING, V.A., red.; GVIRTS, V.L., tekhn. red.

[Development and application of a universal method for quantitative spectrum analysis] Opyt razrabotki i primeneniia universal'nogo metoda kolichestvennogo spektral'nogo analiza. Stenogramma doklada na seminare v LDNTP. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 53 p.

(Spectrum analysis)

(MIRA 14:9)

KIBISOV, G.I.; KUBASOVA, N.B.

Effect of the extent of grinding of materials on the results  
of the quantitative spectral analysis of substances downfed  
by means of air. Zhur.anal.khim. 16 no.6:660-663 N-D '61.  
(MIRA 14:12)

1. State Institute of Applied Chemistry, Leningrad.  
(Spectrum analysis)

KIBISOV, G.I.; ANTROPOV, N.P.

Elimination of the effect of the composition of the substance on  
the results of the quantitative spectral analysis. Zhur.anal.khim.  
17 no.2:155-158 Mr-Ap '62. (MIRA 15:4)

1. Institute of Applied Chemistry, Leningrad.  
(Spectrum analysis)

KUBASOVA, N.B.; KIBISOV, G.I.

Special characteristics of a high amperage discharge of a low voltage spark and its use in universal quantitative spectral analysis. Zav.lab. 29 no.4:506-508 '63. (MIRA 16:5)

1. Gosudarstvennyy institut prikladnoy khimii.  
(Spectrum analysis) (Electric discharges)



KUBASOVA, N.B.; KIBISOV, G.I.

Excitation of spectra in the universal method of quantitative  
determination of elements. Zhur.anal.khim. 18 no.10:1184-1191  
O '63. (MIRA 16:12)

1. State Institute of Applied Chemistry, Leningrad.

ANTROPOV, Nikolay Pavlovich; KIBISOV, Grigoriy Il'ich; GRINZAYD,  
Ye.L., red.

[New stand with electrode holders for emission spectrum  
analysis] Novyi shtativ s derzhateliami elektrodov dlia  
emissionnogo spektral'nogo analiza. Leningrad, 1964. 6 p.  
(MIRA 17:7)

SPITZBERGER, George (Lithuanian); RIBICOV, G.I., red.

[Use of a plasmation for the analysis of titanium and  
aluminum] (see also) [tyt paimebentis plasmationa  
dies analiza titanykh i aliuminai'tiomykh zashchey.  
Leningrad, 1972. 17 p. (NIA 1770)]

KUBASOVA, N.B.; KIRISOV, A. I.

Elimination of the mutual effect of elements in spectrum analysis in relation to the problem of establishing standard samples. Zhur.anal. khim. 19 no.10:1188-1191 '64. (MIRA 17:12)

1. State Institute of Applied Chemistry, Leningrad.

ACCESSION NR: AT4012708

S/2981/63/000/002/0023/0027

AUTHOR: Stepanova, M. G.; Kolobnev, N. I.; Kibitova, L. I.

TITLE: Shape and dimensions of the particles of aluminum powder for making blanks of SAP

SOURCE: Alyuminiyevy\*ye splavy\*. Sbornik statey, no. 2. Spochenny\*yo splavy\*. Moscow, 1963, 23-27

TOPIC TAGS: powder metallurgy, aluminum powder, sintered aluminum, sintered aluminum powder, SAP, aluminum blank

ABSTRACT: A peculiarity of the process of manufacture of SAP is that the size of the aluminum particles is critical, since the amount of surface area exposed depends on the granularity of the aluminum, and, in turn, the formation of aluminum oxide depends on the amount of surface exposed. An electron microscopic investigation carried out by the authors demonstrated the influence of an increase in pulverization on the particle size and bulk density of the aluminum particles. It was discovered that coarsening of the elementary particles and an increase in the bulk density do not begin simultaneously. In the manufacturing process, grade APS aluminum powder was first pulverized in ball mills, the size of the elementary particles being less than  $75\mu$ . The powder began to form

Card 1/2

ACCESSION NR: AT4012708

lumps after 16 hours, even though a size of  $75\mu$  was reached only after 24 hours. During pulverization in a ball mill, the powder passes through three stages. The aluminum is first flattened and then leaf-shaped, work-hardened particles are obtained. The particles are then crushed finer. The beginning of this process is accompanied by an increase in the specific gravity of the powder. The fine powder particles adhere to each other forming conglomerates or powder lumps. "The investigations of particle size and shape were carried out with an electron microscope under the guidance of N.S. Gerchikova." Orig. art. has: 7 figures.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 13Feb64

ENCL: 00

SUB CODE: MM

NO REF SOV: 001

OTHER: 001

2/2

Card

KIBISOVA, T.G.; PUTVINSEKAYA, T.I.

Determination of rhenium in materials containing niobium carbide  
or zirconium carbide. Zhur. anal. khim. 19 no.12:1482-1485 '66  
(MIRA 18:1)

1. State Institute of Applied Chemistry, Leningrad.

*KIBIZOV, V. P.*

COUNTRY : USSR  
 CATEGORY : Cultivated Plants. Cereals. M  
 ABS. JOUR. : RZhBiol., No. 1958, No. 104638  
 AUTHOR : ~~Kibizov, V. P.~~  
 INST. : Kharkov University.  
 TITLE : Multiple Corn Hybrids.  
 ORIG. PUB. : Vopr. metodiki selektsii pshenitsy i kukuruzy. Khar'ov. Un-t, 1957, 223-230  
 ABSTRACT : Schemes for securing multiple hybrids (of synthetic varieties) of corn at Severo-Osetinskaya Experiment Station during 1935-1940 and 1946-1955, are set forth in detail. High-yielding multiple hybrids can be obtained in F<sub>1</sub> only if the starting strains and the single crossing inter-strain hybrids possess high combinative ability. The most effective method of obtaining multiple hybrids proved to be re-pollination among themselves of F<sub>1</sub> of double inter-strain hybrids. Individual high-yielding multiple hybrids

Card: 1/2

24

*KIBIZOV V. P.*

USSR/Cultivated Plants - Fodders.

M-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91713

Author : Kibizov, V.P.

Inst : North Osetin State Agricultural Experimental Station

Title : Mixed Sowings of Fodder Crops.

Orig Pub : Byul. nauchno-tekhn. inform. Sev.-Osetinsk. gos. s.-kh. opytn. st., 1957, No 1, 12-17.

Abstract : Experiments in mixed sowings of corn with soya (S), and also of the Sudan grass (SC) with soya were conducted at the North Osetin Agricultural Experimental Station in 1931, 1955 and 1956. In 1931 the following ratios in the mixtures were studied: 2/3 corn and 1/3 soya, 1/2 corn and 1/2 soya, 1/3 corn and 2/3 soya. With increased sowing of (S) seeds, the yield of the green bulk of the mixture became lower. The percentage content of (S) in the mixture

Card 1/3



USSR/Cultivated Plants - Fodders.

M-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91713

with SG early ripening varieties of Osetinskaya 19 type are recommended. In growing the mixture for silage the corn should be sown with 60-70 cm between the rows with a simultaneous sowing of 3 rows of soya in the space between the rows. The mixture of corn with S is embedded at the depth of 8-10 cm. The mixture of SG with S - at a depth of 4-6 cm. Random harrowing of the mixture 4-6 days after sowing, and harrowing the corn with S sprouts during the stage when the first pair of true leaves appear on S insures effective weed control. The corn and S mixtures are harvested when S forms seeds in its pods at the lower stage on the plants. -- Ye.F. Linnik.

Card 3/3

APPROVED FOR RELEASE: 06/13/2000 T.V. - CIA-RDP86-00513R000722510012-1  
 tekhn.red.

[Sugar beets in North Ossetia] Sakharnaya svekla v Severnoi  
 Osetii. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo,  
 1959. 17 p. (MIRA 14:3)  
 (Ossetia--Sugar beets)

KIBKALO, I.N. (Romodan, Poltavskoy oblasti)

Granulomas and a milk tooth in the maxillary sinus.  
Stomatologiya 41 no.5:98-99 S-O '62.

(MIRA 16:4)

(MAXILLARY SINUS—TUMORS)

(MAXILLARY SINUS—FOREIGN BODIES)

KIBKALO, N.

The birth of initiative. Sov.profsoiuzy 16 no.5:27-28  
Mr '60. (MIRA 13:3)

1. Predsedatel' komiteta profsoyusa Novo-Kramatorskogo  
mashinostroitel'nogo zavoda.  
(Kramatorsk--Metallurgical plants--Equipment and supplies)  
(Socialist competition)

MERZHANIAN, A.A.; KIBKO, L.A.; KLIONER, M.I.

Studying the process of yeast reproduction as applicable to the  
conditions of continuous champagnization. Trudy KIPP no.22:105-  
110 '61. (MIRA 16:4)

(Champagne (Wine)) (Yeast)

KIBLER, A.F.; GUSAKOVA, M.V.

Liquid-vapor equilibrium curve of a mixture of oleic and abietic acids. Gidroliz. i lesokhim.prom. 12 no.2:14 '59. (MIRA 12:3)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.  
(Oleic acid). (Abietic acid)

KIBLER, A.F.; GUSAKOVA, M.V.

Tall oil is a cheap source for obtaining fatty acids and resin.  
Gidroliz i lesokhim. prom. 12 no.5:14 '59. (MIRA 12:10)

1. TSentral'nyy nauchno-issledovatel'skiy leso-khimicheskiy institut  
(TsNILKHI).  
(Tall oil) (Acids, Fatty) (Gums and resins)

KIBLER, W., mgr., inż.

Analysis of modern systems exciting turbogenerators of great power.  
Przegl elektrotechn 37 no.11:477 '61.

1. Zakład Maszyn Elektrycznych, Instytut Elektrotechniki.

KIBEL', I.A., otv.red.; GUROV, K.P., red.izd-va; BERKGAUT, V.G.,  
red.izd-va; RYLINA, Yu.V., tekhn.red.

[Problems of dynamic meteorology] Voprosy dinamicheskoi  
meteorologii. Moskva, 1960. 65 p. (MIRA 14:2)

1. Akademiya nauk SSSR. Institut prikladnoy geofiziki.  
(Meteorology)



ANASTASIYEV, P.I.; BROSTREK, A.A.; VESHENEVSKIY, S.N.; GEL'MAN, G.A.;  
 GORNSHTEYN, L.A.; ZIMENKOV, M.G.; KARVOVSKIY, G.A.;  
 KIBLITSKIY, V.A.; KLEYN, P.N.; KLIMIKSEYEV, V.M.; KLYUYEV,  
 S.A.; KNORRING, G.M.; KORENEVSKIY, A.N.; LEYBZON, Ya.I.;  
 LIVSHITS, D.S.; LIGERMAN, I.I.; LOGINOV, O.I.; MILICH, M.B.;  
 NAYFEL'D, M.R.; OKOROKOV, S.P.; POLYAK, A.B.; ROYZEN, S.S.;  
 RYABOV, M.S.; SINITSYN, O.A.; SOLODUKHO, Ya.Yu.; SOSKIN, E.A.;  
 STASYUK, V.N.; BOL'SHAM, Ya.M., red.; GRACHEV, V.A., red.;  
 SAMOVER, M.L., red.; BORICHEV, I. Ye., red.; DANILENKO, A.I.,  
 red.; KHRAMUSHIN, A.M., red.; YAKUBOVSKIY, F.B., red.;  
 BRENDENBURGSKAYA, E.Ya., red.; KOMAR, M.A., red.; BORUNOV,  
 N.I., tekhn. red.

[Handbook on electrical systems of industrial enterprises  
 in four volumes] Spravochnik po elektroustanovkam promyshlen-  
 nykh predpriatii v chetyrekh tomakh. Pod obshchei red. I.E.  
 Boricheva i dr. Moskva, Gosenergoizdat. Vol.1. [Design of  
 electrical systems of industrial enterprises in two parts]  
 Proektirovanie elektroustanovok promyshlennykh predpriatii  
 v dvukh chastiakh. Pt.2. Pod red. I.A.M.Bol'shama i dr.  
 1963. 598 p. (MIRA 17:3)

URIN, Vladimir Davydovich; KIBLITSKIY, V.A., red.

[Adjustment of magnetic amplifiers] Kataloka usilitel'nykh  
usilitelei. Moskva, Energiia, 1964. 40 p. (Biblioteka  
elektromontera, no.139) (MOSK 1964)

ROYZEN, Semen Semenovich; SHTEYN, Isaak Maksimovich; KIBLITSKIY,  
Vladimir Abramovich; KHECHUMYAN, A.P., red.; LARIONOV,  
G.Ye., tekhn. red.

[Automatic control and precise angular velocity measurement  
of the electric drives of continuous rolling mills] Avtoma-  
ticheskoe regulirovanie i tochnoe izmerenie skorosti elek-  
trodvigatelei nepreryvnykh prokatnykh stanov. Moskva, Gos-  
energoizdat, 1962. 103 p. (Biblioteka po avtomatike, no.69)  
(MIRA 16:8)

(Rolling mills--Electric driving)

TRECHCINSKI, Jerzy, mgr inz.; KIBORTT, Jan, mgr inz.

Circuit design of AG type rural telephone exchanges. Prace Inst  
teletechn 3 no.2:3-57 '59.

*K. BOVSKIY N.I.*  
BONDARENKO, P.P.; KIBOVSKIY, N.I.; BRYANSKIY, I.N.

Ideological work in institutes of the Academy of Medical Sciences of  
the U.S.S.R. Vest. AMN SSSR no.3:41-46 '54. (MLRA 7:11)  
(EDUCATION, MEDICAL,  
in Russia, ideol. aspects)

AUTHOR: Kibovskiy, N.I., Dotsent SOV/25-58-11-19/44  
TITLE: Public Progress and Divine Predestination (Obshchestvennyy  
progress i bozhestvennoye predopredeleniye)  
PERIODICAL: Nauka i zhizn', 1958, Nr 11, pp 49-54 (USSR)  
ABSTRACT: This is an anti-religious article directed against belief  
in predestination.  
There are 5 sketches.

Card 1/1

KIBOVSKIY, N.I., dotsent

Unforgettable encounters. Nauka i zhizn' 27 no. 4:44-45 Ap '60.  
(MIRA 14:5)

(Lenin, Vladimir Il'ich, 1870-1924)

TSAREGORODTSEV, G.I., kand.filosof.mauk, red.; MIKHAYLOV, F.T., red.;  
ADO, A.D., red.; KIBOVSKIY, N.I., red.; SENCHILO, K.K.,  
tekhn.red.

[Philosophical problems in medicine] Filosofskie voprosy  
meditsiny; sbornik statei. Moskva, Medgiz, 1962. 301 p.  
(MIRA 15:5)

1. Chlen-korrespondent AMN SSSR (for Ado).  
(MEDICINE—PHILOSOPHY)



KIBOVSKIY, T.M., inzh.

Prospects for the development of equipment for the building  
materials and construction industries. Stroi.i dor.mash. 6  
no.11:30-35 N '61. (MIRA 15:4)  
(Building materials industry--Equipment and supplies)  
(Building machinery industry--Equipment and supplies)

KIBRIK, A.M.; PANOV, S.A., aspirant

Planning the delivery of rock aggregates with the aid of  
electronic calculating machines. Stroi. mat. 10 no.1:  
12-15 Ja'64. (MIRA 17:5)

1. Nachal'nik Mosnerudstyta (for Kibrik). 2. Moskovskiy  
avtodorozhnyy institut.

KIBRIK, B.L.

Experimental study of immunochemoprophylaxis of tuberculosis. Zdrav.  
Belor. 6 no.8:50-52 Ag '60. (MIRA 13:9)  
(TUBERCULOSIS--PREVENTIVE INOCULATION)  
(ISONICOTINIC ACID)

KIBRIK, B. L.

Cand Med Sci - (diss) "Experimental study of subsequential immuno-chemicoprophylaxis of tuberculosis." Frunze, 1961. 22 pp; (Kirgiz State Med Inst); 250 copies; price not given; list of author's works at end of text; (KL, 7-61 sup, 259)

KIBRIK, B.L.

Immunochemoprophylaxis in tuberculosis; experimental study.  
Report No.1. Probl.tub. 39 no.2:73-77 '61. (MIRA 14:3)

1. Iz Kirgizskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. K.N. Nishanov, nauchnyy rukovoditel' - zav. kafedroy mikrobiologii Grodnenskogo meditsinskogo instituta prof. S.I. Gel'berg).

(BCG VACCINATION)

KIBRIK, B.L.

Some problems in treating children with tuberculosis. Sov.zdrav.  
Kir. no.5:15-19 S-O '62. (MIRA 15:10)

1. Iz detskogo otdeleniya (zav.-kand.med.nauk B.L.Kibrik)  
Kirgizskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir.-  
prof. Yu.A.Volokh).

(TUBERCULOSIS)

GELBERG, S.I.; FINKEL, A.A.; KUTNIK, P.L.; GELBERG, I.S.

Experimental vindication of the immunochemical prophylaxis of tuberculosis. J. hyg. epidem. (Praha) 9 no.1:18-30 '65

1. Grodno Medical Institute and Kirghiz Tuberculosis Research Institute, Grodno.

BOGUSH, L.K.; KIBRIK, B.S.; AVERBAKH, M.M.

Resection of the inferior pulmonary lobe in tuberculosis. Grud.  
khir. 5. no.1:99-105 Ja-F'63. (MIRA 16:7)

1. Iz khirurgicheskoy kliniki )sav.-chlen-korrespondent AMN SSSR  
prof.L.K.Bogush) Instituta tuberkuleza (dir,-deystvitel'nyy chlen  
AMN SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR.  
(TUBERCULOSIS) (LUNGS—SURGERY)



KIBRIK, B.S.

Experiences with the organization of surgical therapy of pulmonary tuberculosis in the North [with summary in French]. Probl.tub. 37 no.1:45-47 '59. (MIRA 12:2)

1. Glavnyy vrach Vilyuyaskogo tuberkuleznogo sanatoriya.  
(TUBERCULOSIS, PULMONARY, surg.  
organiz. of surg. serv. in northern cond. (Rus))  
(CLIMATE,  
organiz. of pulm. tuberc. surg. in northern cond.  
(Rus))

KIBRIK, B.S.

Result of antituberculosis work in Vilyuy District of the Yakut  
Republic. Probl.tub. 37 no.7:9-13 '59. (MIRA 13:4)

1. Glavnyy vrach Vilyuyeskogo tuverkuleznogo sanatoriya Yakutskoy  
ASSR.

(TUBERCULOSIS prevention & control)

KIBRIK, B.S.

Late results of extrapleural oleothorax from data of a regional  
tuberculosis sanatorium. Vest. khir. 84 no.5:23-26 My '60.  
(MIRA 13:12)

(LUNGS—COLLAPSE)

KIBRIK, B. S., Cand. Medic. Sci. (diss) "Operation of Lobectomy  
for Lung Tuberculosis," Moscow, 1961, 15 pp. (Acad. Med. Sci.  
USSR ) 250 copies (KL Supp 12-61, 285).

KIBRIK, B.S.

Lobectomy in pulmonary tuberculosis. Grud.khir. no.3:61-66  
'61. (MIRA 14:9)

1. Iz khirurgicheskoy kliniki (zav. - chlen-korrespondent AMN  
SSSR prof. L.K. Bofush) Instituta tuberkuleza (dir. - chlen-  
korrespondent AMN SSSR prof. N.A. Shmelev) AMN SSSR.  
(LUNGS --SURGERY) (TUBERCULOSIS)

KIBRIK, B.S.; NEFEDOV, V.B.

Change in external respiration following removal of a lobe of  
the lung in tuberculosis patients. Probl.tub. no.6:87-91 '61.  
(MIRA 14:9)

1. Iz khirurgicheskogo otdeleniya (zav. - chlen-korrespondent  
AMN SSSR prof. I.K. Bogush) Instituta tuberkuleza AMN SSSR (dir. -  
chlen-korrespondent AMN SSSR prof. N.A. Shmelev).  
(TUBERCULOSIS) (RESPIRATION) (LUNGS---SURGERY)

KIBRIK, B.S.

Late results following lobectomy in pulmonary tuberculosis. Sov. med.  
25 no.8:15-20 Ag '61. (MIRA 15:1)

1. Iz khirurgicheskoy kliniki (zav. - chlen-korrespondent AMN SSSR  
prof. L.K.Bogush) Instituta tuberkuleza AMN SSSR (dir. - chlen-  
korrespondent AMN SSSR N.A.Shmalev).  
(LUNGS---TUBERCULOSIS)

SEVEROV, V.S.; KIBRIK, B.S.

Pulmonary resection in patients with tuberculosis and bronchial  
asthma. Khirurgiia no.1:107-109 '62. (MIRA 15:11)

1. Iz khirurgicheskogo otdeleniya (zav. - chlen-korrespondent  
AMN SSSR prof. L.K. Bogush) Instituta tuberkuleza (dir. - chlen-  
korrespondent AMN SSSR prof. N.A. Shmelev) AMN SSSR.  
(ASTHMA) (TUBERCULOSIS) (LUNGS—SURGERY)



MANUSADZHYANTS, I.V.; KIBRIK, B.S.

Electrocardiographic changes in pulmonary tuberculosis patients following the removal of a lobe of the lung. Probl. tuberk. 41 no.4:21-25 '63 (MIRA 17:2)

1. Iz khirurgicheskogo otdeleniya (zav. - chlen-korrespondent AMN SSSR prof. L.K. Bogush) Tsentral'nogo instituta tuberkuleza (dir. - deystvitel'nyy chlen AMN SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR.

KIBRIK, B.S. (Moskva, Denisovskiy pereulok, d. 3/5, kv. 38)

Some considerations on the prevention and treatment of empyemas  
and bronchial fistulae following lobectomy in tuberculous patients.  
Grudn. khir. 4 no.5:95-97 S-0'62 (MIRA 17:3)

1. Iz khirurgicheskoy kliniki (zav. - chlen-korrespondent AMN  
SSSR prof. L.K. Bogush) Instituta tuberkuleza (dir. - chlen-kor-  
respondent AMN SSSR prof. N.A. Shmelev).

KIBRIK, B.S.; DZHUNUSEKOV, A.

Significance of drug resistance in the genesis of complications and exacerbations of bilateral tuberculous processes following lobectomy. Zdrav. Kazakh. 22 no.8:11-14 '62

(MIRA 17:4)

1. Iz khirurgicheskoy kliniki (zav. - prof. L.K. Bogush) Instituta tuberkuleza Ministerstva zdravookhraneniya SSSR.

KIBRIK, B.S.

Some considerations on the prevention and treatment of residual pleural cavities following lobectomy in pulmonary tuberculosis. Khirurgiia 39 no.8:26-30 Ag '63. (MIRA 17:6)

1. Iz khirurgicheskoy kliniki ( zav.- chlen-korrespondent AMN SSSR prof. L.K. Bogush) Instituta tuberkuleza AMN SSSR.

BOGUSH, L.K.; GESELEVICH, A.M.; KIBRIK, B.S.

Statistical data on mechanical sutures in pulmonary resection  
for tuberculosis. Sov. med. 27 no.8:72-76 Ag '64.

(MIRA 18:3)

1. Meditsinskiy otdel (zav. A.M. Geselevich) Nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. M.G. Anan'yev) i kafedra legochnoy khirurgii (zav. L.K. Bogush) Tsentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

KIBRIK, E.D.; RYCHKOV, A.I.

Study of heat transfer during evaporation of solutions of urea  
in a wetted-wall evaporator of the rotary type. Khim.prom. no.7:  
527-531 J1 '63. (MIRA 16:11)


KIBRIK418A8

600

1. KIBRIK, I. A.

2. USSR (600)

KhEMZ (Kharkov Electric Machinery Plant imeni Stalin)  
"The Reversible Screw-Cutting Head" Stanki i Instrument  
12, No. 5, 1941

9.  Report U-1503, 4 Oct 1951

E 63671-62

ACCESSION NO: AR5003333

9/0271/64/000/011/A005/A005  
621.316:62-55

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika,  
Svyoznyy tom, Abs. 11A31

AUTHOR: Brandorff, D. S.; Karalyas, A. A.; Kibrik, I. S.

TITLE: Capacitor-relay distributor

CITED SOURCE: Sb. tr. Karagandinsk. in.-i, proyektiro-konstrukts. i eksperim. in-t,  
sb. 1, 1963, 240-242

TOPIC TAGS: capacitor relay distributor, matrix output binary counter, binary counter

TRANSLATION: A capacitor-relay distributor is described which is, in fact, a binary counter with matrix output. Each digit of the counter has one 2-winding polarized RP-1 relay. A multidigit counter can be constructed by connecting the leftmost-digit switching circuits in series and in parallel. The parallel connection enhances speed of operation. Three illustrations.

SUB CODE: DP, TE

ENCL: 00

Card 1/1





PA 38/49T38

USSR/Engineering  
Pulverizers  
Coal

Mar 49

"Reliable Operation of Reducers in Ball-Coal  
Pulverizers," P. S. Kibrik, I. I. Solov'yev,  
Engineers, 1 p

"Elek Stants" No 3

Notes that one of the hydroelectric stations obtained  
a new coal pulverizer, but its reducer would not  
operate due to skewing of the gears. Finally found  
that this was due to the way the housing was mounted.  
38/49T38

Mar 49

USSR/Engineering

Recommends steps to be taken in centering a reducer in  
assembly and maintenance.

KIBRIK, P. S.

38/49T38

1ST AND 2ND ORDERS		PRINCIPLES AND PROPERTIES INDEX		1ST AND 2ND ORDERS	
<p>3824. INCREASING USEFUL LIFE OF PULVERISER COMPONENTS. (Kibrik, P.S. and Kontorov, B.M. (Za Ekonomiyu Topliva (Fuel Econ.), 1949, (5), 23, 24). (L).</p>					
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>					
<p>1949. 179-22104</p>		<p>1949. 179-22104</p>		<p>1949. 179-22104</p>	
<p>1949. 179-22104</p>		<p>1949. 179-22104</p>		<p>1949. 179-22104</p>	



BOBROVSKIY, G.S.; KIBRIK, P.S., redaktor; BOBOCHKIN, S.N., tekhnicheskiy  
redaktor

[Handbook for the fireman of industrial boiler installations]  
Sputnik kochegara promyshlennykh kotel'nykh ustanovok. Moskva,  
Gos. energ. izd-vo, 1951. 143 p. (MLRA 8:5)  
(Boilers)

21

BTR

9122\* Efficiency of Locomotive A-3000 Working on Mines  
Run Cables. (In Russian.) P. S. Kalink and V. P. Lomtevich  
*Zh Ekonomicheskaya* 9, Jan. 1952, p. 18.  
Presents a discussion of the results of tests on the above. Data  
are tabulated. Includes diagram of the power unit.

KIERIK, F. S. - YANUTSEVICH, F. R.

Feed Water Purification

Improving the system of deaerification of feed water in the rail-mounted power plant.  
Rab. energ. 2 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress November 1952. UNCLASSIFIED.

KIBRIK, P. S. Eng; YANUTSEVICH, F. P.

Steam Boilers

Installing water economizers behind the boilers of rail-mounted power plants. Za ekon.  
top. 9 no. 7, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952, UNCLASSIFIED.



KIRRIK, P. S., MINSKAYA, M. I., YANUTSEVICH, F. P.,  
ENGS.

KIRRIK, P. S., MINSKAYA, M. I., YANUTSEVICH, F. P.,  
ENGS.

Peat

Testino railroad power plant M-2,5. Elek.  
sta. 23 no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

KIBRIK, P. S.

Rukovodstvo dlya mashinistov pyleprigotovitel'nykh ustanovok  
(Manual for Operators of Coal Pulverizing Machinery) Moskva,  
Gosznergoizdat, 1954.

N/5  
735.1  
.K4

125 P. Illus., Diagr., Tables.

KIBRIK, P. S.

AID P - 3222

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 7/30

Author : Kibrik, P. S., Eng.

Title : Controlling the presence of water in the boiler by the method of "drainage"

Periodical : Energetik, 8, 9-10, Ag 1955

Abstract : Acting operational instructions of maintenance of steam boilers provide for the possibility of controlling the presence of water in the boiler by the method of "drainage". As described in the instructions, this method may lead to errors. The author suggests improvements in the method and its expansion to all steam boilers.

Institution : None

Submitted : No date

AUTHOR: Fibrik, P.S., Engineer 91-58-8-11/34

TITLE: It is Simpler to Cool the Bearing than the Shaft of an Exhaust Fan (Proshche okhlazhdad' podshipnik chem val dymososa)

PERIODICAL: Energetik, 1958, <sup>6</sup>Nr 8, \(\USSR\)

ABSTRACT: V. G. Ryadovskiy ("Energetik" Nr 2, 1958) suggested the cooling of the shaft rather than the body of the exhaust fan, as was then the practice. The Bryanskiy mashinostroitel'nyy zavod (Bryansk Mechanical Engineering Plant) adapted this method, but found the necessary equipment cumbersome and liable to leak. It was found that cooling the bearings was simpler and quite adequate.

1. Bearings--Cooling

Card 1/1

SOV/91-59-2-11/33

AUTHORS: Kibrik, P. S., and Yuspraykh, D. B., Engineers

TITLE: The Briquetting of the Coal Sand which Escaped from Boiler Furnaces (Briketirovaniya unosa kotlov)

PERIODICAL: Energetik, 1959, Nr 2, p 16 - 17 (USSR)

ABSTRACT: The authors describe a field-type briquetting plant preparing briquets from the small particles of coal which escaped boiler furnaces. It was constructed by the plant Lenbriketmash (Leningrad Briquet Machinery Plant) on the drafts worked out by the State Planning Institute for the Heating Industry (Giprotopprom). Up to 5000 tons of coal sand had accumulated at a train power plant at Feodosiya by 1957. At present, the whole amount of coal sand from the furnaces of two train power plants of 3000 kw at Feodosiya are being worked up as briquets by such a briquetting plant. The article shortly describes the process. There is one diagram.

KIBRIK, P.S., inzh.

Prevention of damages in boiling-type feed-water economizers.  
Energetik 9 no.11:13-14 N '61. (MIRA 14:12)  
(Boilers)  
(Feed-water heaters)

RODOV, A.B.; TIKHONOV, A.I.; KIBRIK, P.S., red.; MAYZEL', Yu.A.,  
red.; KOLOTUSHKIN, V.I., red.; BORUNOV, N.I., tekhn.red.

[Heat control and measurement instruments and automatic  
regulators of the boiler feeders of B-4000 railroad car  
mounted power plants and their maintenance] Toplovye  
kontrol'no-izmeritel'nye pribory i avtomaticheskie re-  
gulatory pitaniia kotlov energopoezdov B-4000 i ikh ob-  
sluzhivanie. Moskva, Gosenergoizdat, 1962. 83 p.

(MIRA 15:10)

(Electric power plants)

KIERIK, Petr Samoylovich; LIBERMAN, Grigoriy Romanovich; KOMAROV,  
A.K., red.

[Manual for boiler machinists (firemen)] Pamiatka machi-  
nista (kochegara) parovogo kotla. Moskva, Energiia, 1965.  
119 p. (MIRA 18:10)



KIBRIK, P.S., inzh.

Preventing of boiler damages due to the freezing of water  
pipes. Energetik 13 no.11:11-12 N '65. (MIRA 18:11)

LIBRIK, V. B.

21806

LIBRIK, V. B. Primeneniye autopogruzhnikov v stekol'noy promyshlennosti.  
Steklo i keramika, 1949, No. 5, s. 12-14.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

KIBRIK, V.B., inzh.

Self-sharpening segments of the grinding apparatus of the "Khersonets"  
corn picking combine. Trakt. 1 sel'khoz mash. no.2:34-35 F '64.  
(MIRA 17:3)

1. Khersonskiy zavod.

KIBRIK, V.

28395

Dobryye vyryzoviki i samogruznyye shchitye konveyery dlya obsluzhivaniya skladov. Steklo i keramika, 1949, No 7, S. 11 - 14 ye. Avtomatizirovannyye tekhnologii. Tekhnika. Zvukozapisi

So: Letopis No. 34

KIBVOCSKOI, Laszlo; STVRTECZKY, Ferenc

Application of hydrodynamic couplings for driving industrial centrifuges. Jarmu mezo gep 7 no.5:180-183 '60.

1. Budapesti Muszaki Egyetem Vizgepek Tanszeke.

KIBYAKOV, A. I Dr.

N. A. Mislavsky - 1854-1929 (Paper Edition)

77 p. 40¢

SO: Four Continent Book List, April 1954

KIBYAKOV, A. V.

PA 47/49T91

USSR/Medicine - Sympathetic Nervous System Jan/Feb 49

Medicine - Chromaffin Tissue, Effect of

"Sympathetic Nervous System and Chromaffin Tissues," A. V. Kibyakov, Kazan', 12 pp

"Uspekhi Sovrem Biol" Vol XXVII, No 1

Concludes that excision of a major part of the chromaffin tissues has a great effect on the sympathetic nervous system. Determines that adrenal secretions have two functions: (1) secretion activated in extreme emotional shock, and (2) secretion to innervate sympathetic

47/49T91

USSR/Medicine - Sympathetic Nervous System (Contd) Jan/Feb 49

preganglionic apparatus. Excision of some of the chromaffin tissues in vertebrates innervates the sympathetic nervous system. This agrees with Pavlov's concept of sympathetic nervous system function.

47/49T91

KIBYAKOV, A. V.

"Humoral Transmission of Inhibitions in the Spinal Cord of the Frog," Fiziol.  
zhur. SSSR, 35, No.4, 1949.

Chair of Physiology, Kazan State Med. Inst.



KIBYAKOV, A.V.; SENKEVICH, I.V.

Effect of the removal of chromaffin tissue on the sympathetic innervation of certain organs. Izv.Kazan.fil.AN SSSR,Ser.biol.i sel'khoz. nauk no.2:163-171 '50.

(Adrenal glands--Innervation)  
(Sympathins)

(MLRA 10:2)

KIBYAKOV, A.V.

Pavlovian theory on trophic innervation and nature of trophic action  
of the sympathetic nervous system. Tr. Vsesoius. obsh. fiziol. no. 1:  
79-80 1952. (CLML 24:1)

1. Delivered 12 October 1949, Kazan'.

КИБЯКОВ, А. В.

KIBYAKOV, A. V.

USSR/Medicine - Physiology

FD 245

Card 1/1

Author : Zefirov, L. N. and Kibyakov, A. V.

Title : Role of acetylcholine in the mechanism of tonic contraction of skeletal muscles

Periodical : Fiziol.zhur. 2, 183-190, Mar/Apr 1954

Abstract : After direct current was applied to the nerve of an isolated nerve muscle preparation in frogs it was stimulated 7 to 15 times per second: this produced a slow tonic contraction which started after an appreciable latent period, slowly increasing to a plateau of low amplitude and followed by very slow relaxation after the end of stimulation. Removal of the pancreas abolished this tonic contraction within 6 to 9 days. Subcutaneous injection of acetylcholine (0.5 cc of a concentration 1:10,000) after the 3rd post-operative day and immediately before the experiment had a compensatory effect in that the contraction was obtained in the pancreas-ectomized animals. It was concluded that removal of the pancreas interferes with the synthesis of acetylcholine. A total of 400 experiments were performed. Four illustrations. Thirteen Soviet references are cited.

Institution : Chair of Normal Physiology, Medical Institute, Kazan'

Submitted : June 16, 1953

KIBYAKOV, A. V.

3  
The role of acetylcholine in the mechanism of tonus-like contraction of the skeletal muscle. L. N. Zefirov and A. V.

Kibyakov (Med. Inst., Kazan). *Fiziol. Zhur. S.S.S.R.* 40, 163-66 (1964).—Removal of the pancreas from frogs leads to disturbance of acetylcholine synthesis, which after 6-9 days causes a disappearance or severe restriction of tonus-like contractions of the skeletal muscles. Introduction of acetylcholine prevents this effect. The origination, transmission, and distribution of the stimuli from the motor nerve to the muscle are not principally affected by the disturbed synthesis of acetylcholine. G. M. Kosolapoff

Recd  
11-23-64

Chair Normal Physiology, Kazan Med. Inst.